National Institute of Environmental Health Sciences

The burden of air pollution on years of life lost in Beijing, China, 2004-08: Retrospective regression analysis of daily deaths

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Abstract:

OBJECTIVES: To better understand the burden of air pollution on deaths, we examined the effects of air pollutants on years of life lost (YLL) in Beijing, China. DESIGN: Retrospective regression analysis using daily time series. SETTING: 8 urban districts in Beijing, China. PARTICIPANTS: 80 515 deaths (48 802 male, 31 713 female) recorded by the Beijing death classification system during 2004-08. MAIN OUTCOME MEASURES: Associations between daily YLL and ambient air pollutants (particulate matter with aerodynamic diameter

Source: http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3898659

Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Air Pollution, Meteorological Factors, Temperature

Air Pollution: Particulate Matter, Other Air Pollution

Air Pollution (other): SO2; NO2

Temperature: Fluctuations

Geographic Feature:

resource focuses on specific type of geography

Urban

Geographic Location:

resource focuses on specific location

Non-United States

Non-United States: Asia

Asian Region/Country: China

Health Impact:

specification of health effect or disease related to climate change exposure

Morbidity/Mortality

Population of Concern: A focus of content

Population of Concern: ☑

populations at particular risk or vulnerability to climate change impacts

Children, Elderly, Workers

Other Vulnerable Population: Women

Resource Type: ☑

format or standard characteristic of resource

Research Article

Timescale: ☑

time period studied

Time Scale Unspecified